Republic of the Philippines
VISAYAS STATE UNIVERSITY
Visca, Baybay City, Leyte

PURCHASE REQUEST

PPMP No. : **PPMP-2025-092524-0585**

Dept./Office: **OVPREI**

Section/End-User: **CAROLINE B. ANDUYAN**

Funding Source: **General Fund - MOOE**

PR No.: **GF-2024-10-01845**　　　　Date: **10-02-2024**

Category: **IT Supplies and Equipment**

Project Title/Code: **OVPREI-2025**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	**Laptop 14" (i5)**	unit	1	49,500.00		49,500.00
	Specification: • **Processor:** Intel Core i5-1035G1, 1.0 GHz, 6M Cache, up to 3.60 GHz • **Operating System:** Windows 10 Home • **Memory:** 4GB RAM, 1 x SO-DIMM socket (for expansion) • **Display:** 14.0" (16:9) LED-backlit FHD (1920x1080), 60Hz, Anti-Glare Panel, 45% NTSC • **Video Processor:** NVIDIA GeForce MX330, 2GB GDDR5 VRAM • **Storage:** 512GB PCIe Gen3 x2 SSD					
2	**LCD PROJECTOR**	unit	1	30,000.00		30,000.00
	Specification: • **White Light Output:** 3,600 Lumens • **Resolution:** XGA • **Native Aspect Ratio:** 4:3 • **Contrast Ratio:** 15,000:1					
3	**Presentation Clicker/Pointer**	pcs	2	1,700.00		3,400.00
	Specification: R400 2.4 GHz USB-Receiver Red Laser Pointer Wireless Presentation Remote					
4	**Wireless Access Point**	unit	1	14,500.00		14,500.00

	Specification:
	
	 • **Networking Interface:**
	    ◦ 1 x 10/100/1000 Ethernet Port
	 • **Buttons:** Reset
	 • **Power Method:**
	    ◦ 802.3af PoE
	    ◦ Power Supply: UniFi Switch (PoE)
	 • **Power Save:** Supported
	 • **Beamforming:** Supported
	 • **Maximum Power Consumption:** 10.5W
	 • **Supported Voltage Range:** 44 to 57VDC
	 •					

TX Power:
- **2.4 GHz:** 23 dBm
- **5 GHz:** 26 dBm

- **MIMO:**
  - **2.4 GHz:** 2x2
  - **5 GHz:** 4x4
- **Radio Rates:**
  - **2.4 GHz:** 300 Mbps
  - **5 GHz:** 1733 Mbps
- **Antennas:**
  - **2.4 GHz:** (2) Single-Port, Single-Polarity Antennas, 2.8 dBi each
  - **5 GHz:** (2) Single-Port, Dual-Polarity Antennas, 3 dBi each
- **Wi-Fi Standards:** 802.11 a/b/g/n/r/k/v/ac/ac-wave2
- **Wireless Security:**
  - WEP
  - WPA-PSK
  - WPA-Enterprise (WPA/WPA2, TKIP/AES)
  - 802.11w/PMF
- **BSSID:** 8 per Radio
- **Mounting:** Wall/Ceiling (Kits Included)
- **Operating Temperature:** -10 to 70°C (14 to 158°F)
- **Operating Humidity:** 5 to 95% Non-condensing
- **Certifications:** CE, FCC, IC
- **Advanced Traffic Management:**
  - **VLAN:** 802.1Q
  - **Advanced QoS:** Per-User Rate Limiting
  - **Guest Traffic Isolation:** Supported
  - **WMM:** Voice, Video, Best Effort, and Background
- **Concurrent Clients:** 200+
- **Supported Data Rates (Mbps):**
  - **802.11a:** 6, 9, 12, 18, 24, 36, 48, 54 Mbps
  - **802.11b:** 1, 2, 5.5, 11 Mbps
  - **802.11g:** 6, 9, 12, 18, 24, 36, 48, 54 Mbps
  - **802.11n:** 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
  - **802.11ac:** 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80)
  - **802.11ac (VHT 160):** 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2)
- **Compatibility:** Should be compatible with existing UniFi Controller

TOTAL						97,400.00

Purpose: Office use

Checked by:	Funds Available:
NORMAN O. VILLAS	**ALICIA M. FLORES**
TWG - IT Supplies and Equipment	HEAD, BUDGET OFFICE

Signature:	Prepared by:	Noted by:	Approved by:
Printed Name:	**CAROLINE B. ANDUYAN**	**SANTIAGO T. PEñA JR.**	**PROSE IVY G. YEPES**
Designation:	ADRC	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU